

precautions

ple430px

- Never drive with the volume raised so high, you cannot hear what is occurring in traffic around you.
- Be aware that repeated exposure to excessive volume levels can permanently damage your hearing!
- Keep all electronics away from moisture, dust, extreme heat or extreme vibrations.
- Pyle Audio products are capable of sound pressure levels in excess of 150dB. Continuous exposure to sound pressure levels over 100dB may cause permanent loss of hearing. Use common sense and PRACTICE SAFE SOUND.

troubleshooting

If you experience.....

Signal Processor does not turn on. Check that:

- Remote Turn-On Wire has 12V
- 12V wire has 12V.
- Ground wire is properly connected.

Level of sound is low. Check that:

- Wiring is not loose or cables misconnected/disconnected.
- RCA cables are not faulty

Background noise is too high. Check that:

- Wiring is not loose or cables misconnected/disconnected.
- RCA cables are not faulty

owner's manual



in-dash 4 band parametric equalizer

ple430px

PYLE®

PYLE®

congratulations ...

Thank you choosing Pyle Audio, and congratulations on joining a select group of dedicated enthusiasts committed to the very best in mobile sound performance and dependability.

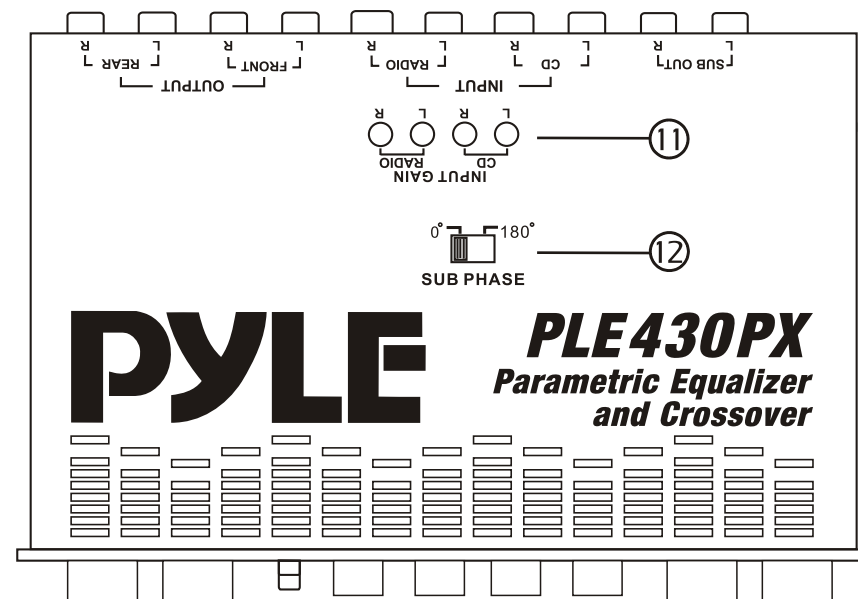
You are now the proud owner of one of the world's most sophisticated electronics components. This Pyle product is the result of an extensive engineering program with the sole purpose of creating the finest mobile audio experience imaginable. We are confident that this product will provide you with many years of outstanding musical entertainment.

specifications

Frequency Bands	SUB 150Hz, LOW 400Hz, MID 2.5KHz, HIGH 15KHz
Boost/Cut	+/- 18dB
Signal-To-Noise Ratio	110dB REF 1V INPUT
Frequency Response	10Hz-15KHz, +/- 1dB
Maximum Output Voltage	7V RMS
Total Harmonic Distortion	0.05%
Input Sensitivity	150mV
Headroom	20dB
Input Impedance	110K OHMS
Stereo Separation	82dB/1KHz
Operating Voltage	11-15V NEGATIVE GROUND

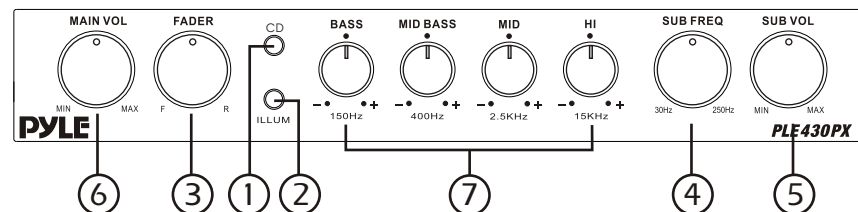
owner's manual

features and controls

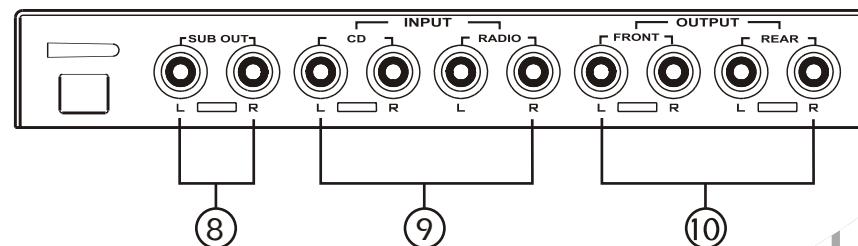


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front



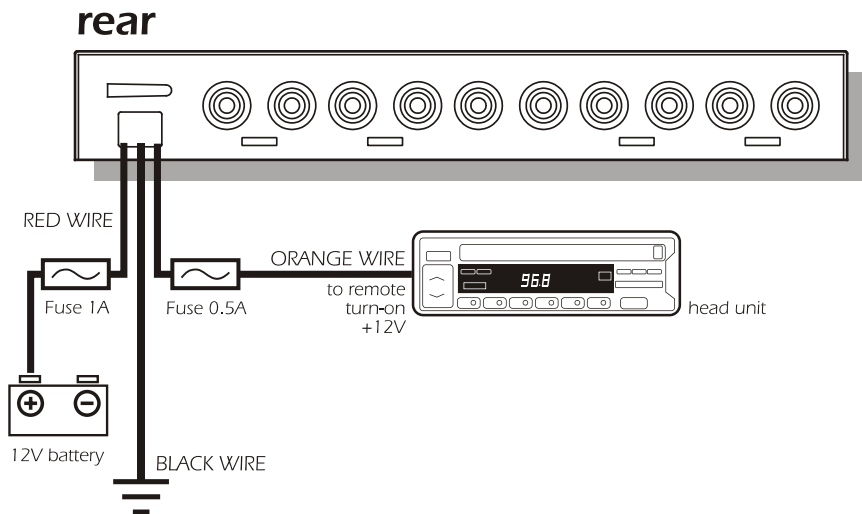
rear



features

- (1) **Input Selector Switch** - Allows you to select either the radio or CD input.
- (2) **Illumination Selector Switch** - Allows you to select either amber or green color illumination.
- (3) **Preamp Fader Control** - Rotate Clockwise or counter-clockwise to adjust the volume between the front and rear outputs.
- (4) **Subwoofer Crossover Control** - Allows you to select your desired crossover cutoff frequency in the 30Hz-250Hz range.
- (5) **Subwoofer Volume Control** - Rotate clockwise or counter-clockwise to increase or decrease the subwoofer output level.
- (6) **Master Volume Control** - Rotate clockwise or counter-clockwise to increase or decrease the output level. After the input gains are properly adjusted with the source unit, we recommend that you set your source volume to 1/2 or 3/4 of way up and use the master volume of this EQ to control the system volume as its performance is more linear.
- (7) **Equalizer Level Controls** - Rotate clockwise or counter-clockwise to boost/cut the level of each Bass, Mid Bass, Mid, Hi frequency band by 18dB.
- (8) **Subwoofer Channel Outputs** - RCA cables are used to connect the subwoofer channel amplifier inputs.
- (9) **CD and Radio Inputs** - RCA cables are used to connect your car stereo head unit, CD player, or other source to either the line or AUX inputs.
- (10) **Front and Rear Channel Outputs** - RCA cables are used to connect the front channel outputs to the front channel amplifier inputs, and the rear channel outputs to rear channel amplifier inputs.
- (11) **CD/Radio Input Gain Control**: THE CD/Radio L/R channel can be adjusted from the top cover. Turn the knob clockwise to increase the input level or turn counter-clockwise to reduce the input level.
- (12) **Phase Shift Selector Switch**: Allows you to select the proper phase of the subwoofer output signal to compensate for the timing differences between the subwoofer output and the front/rear output signals.

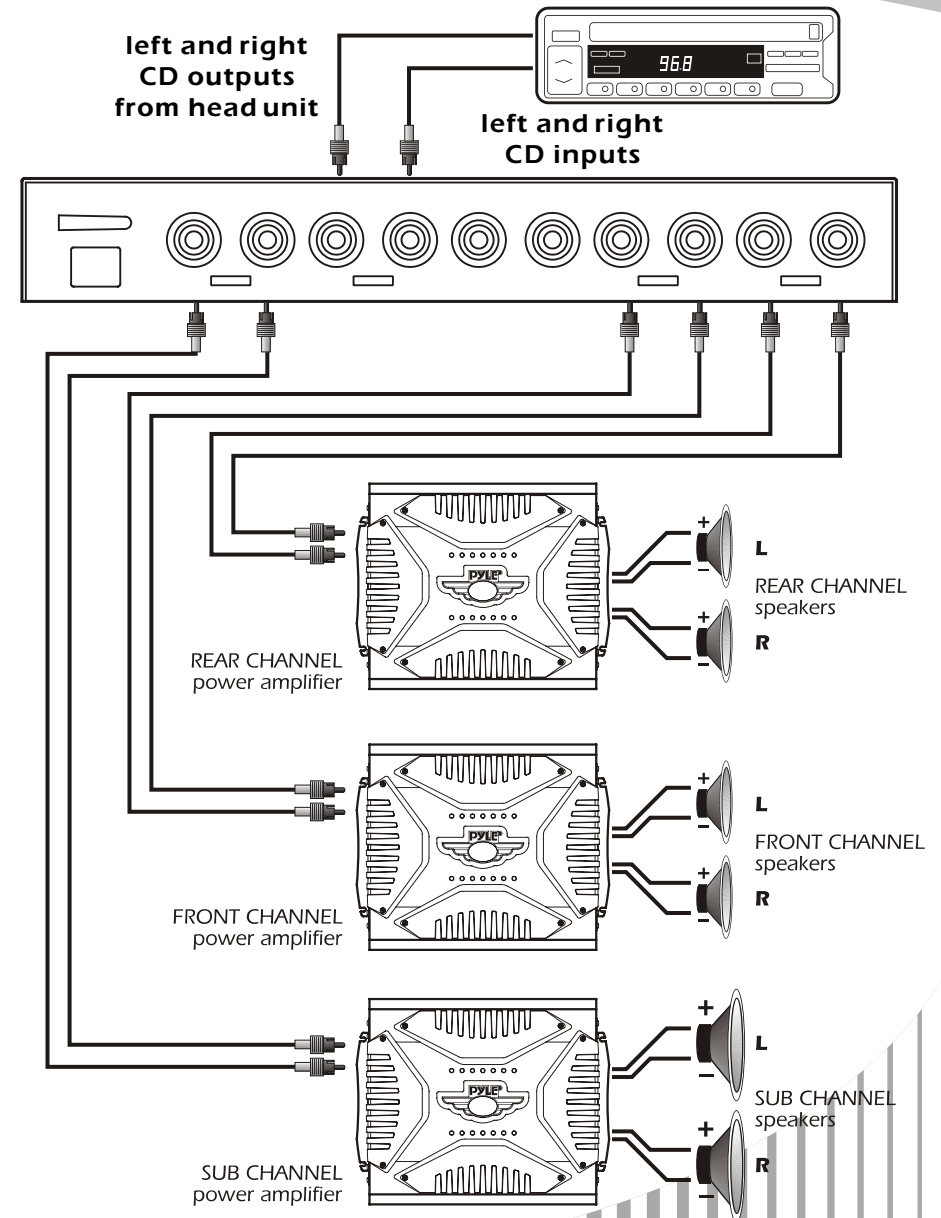
electrical connection



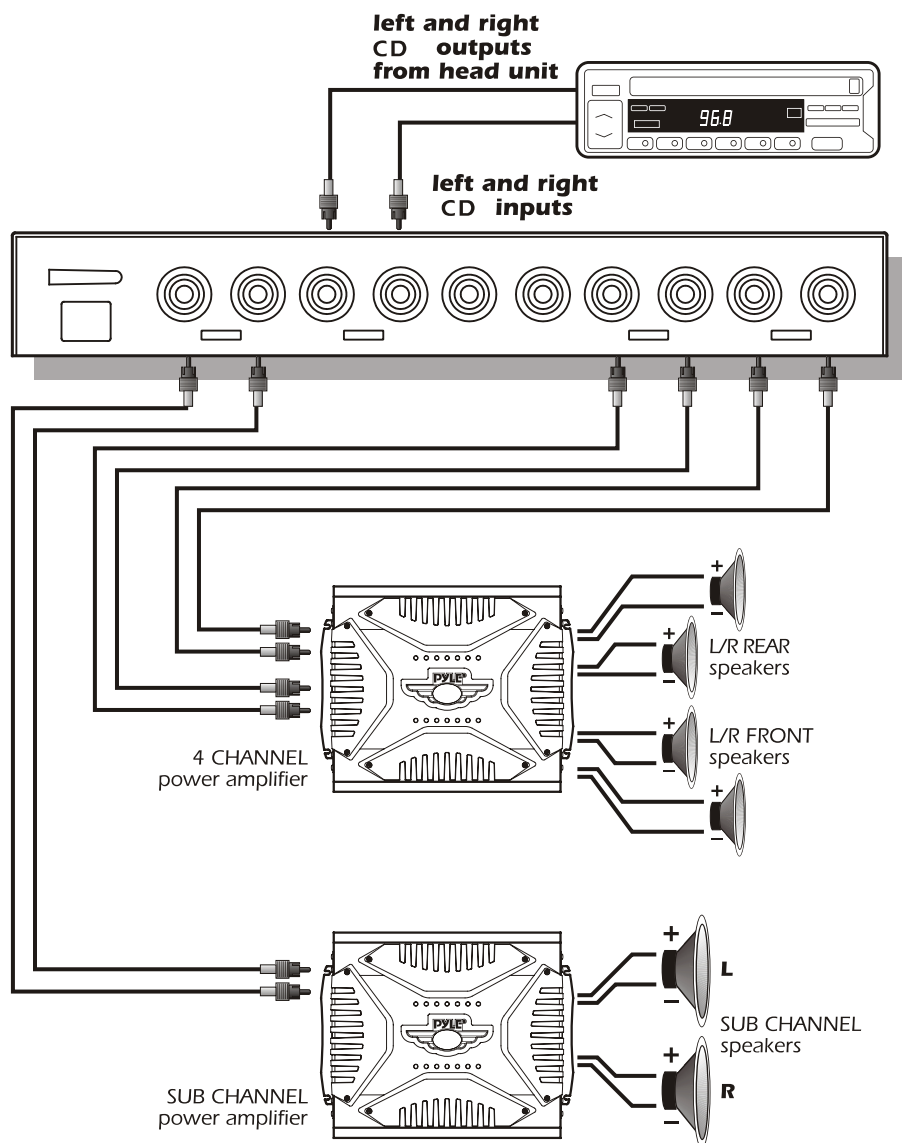
System wiring

basic system application using **front**, **rear**, and **subwoofer** amps

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basic system application using
a **4 channel amp** and **subwoofer** amp

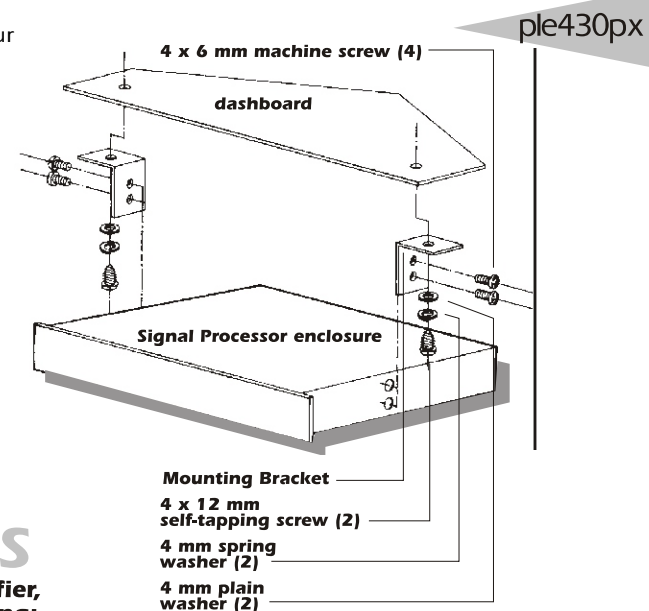


mounting and installation

mounting

Please take the time to install your New Pyle Signal Processor Securely, according to this diagram using the hardware Provided.

This Half-DIN size unit can also be installed in the dash adjacent to the head unit, provided that there is a slot available.



wiring tips

When making electrical connections to your amplifier, please observe the following:

Connect 12V DC from a constant battery source to a +12V slip-on spade terminal and install a one (1) amp fuse in line.

Connect the signal processor's GROUND to a good chassis ground, near where the unit is mounted, or to the case of the head unit.

Connect the signal processor's REMOTE TURN-ON lead to the remote turn-on lead out of the head unit, and install a 1/2 amp fuse in line. (A relay should be used if turning on more than one component, such as Eqs, Crossover or amplifier)

Connect stereo RCA cables from the head's left and right front outputs to the left and right inputs of the signal processor.

Connect stereo RCA cables from the left and right outputs (and low, mid and high outputs if applicable), of the signal processor to the left and right inputs of your amplifier(s) or additional signal processor(s).

Turn the unit on, and adjust the input gain on the signal processor to match the output of the head unit (1/2 or at center position, is about 1 V_i). Be careful not to overdrive the input of your amplifier(s) or signal processor.

Adjust each of the crossover or equalizer controls to achieve the desired sound characteristics.